ANNUAL REPORT 2010-2011

Ontario Mental Health Foundation

August 2011

Ontario

Ontario Mental Health Foundation

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Copies of this report can be obtained from:

441 Jarvis Street, 2nd Floor
Toronto, Ontario, M4Y 2G8
Phone: (416) 920-7721
Fax: (416) 920-0026
E-mail: grants@omhf.on.ca

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You can find the latest information about the work of the Foundation on our web site:
http://www.omhf.on.ca

Annual Report 2010-2011

Ontario Mental Health Foundation

Established by Special Act of Legislature of the Province of Ontario, 1960-61.

The Mission and Objectives of the Foundation

Mission Statement

The Foundation aims to promote the mental health of people living in Ontario, to prevent mental illness and to improve diagnosis, treatment and rehabilitation. This is done primarily by supporting the professional development of researchers and by funding excellent mental health research. The Foundation looks to people with mental disorders, providers and the research community to identify important and innovative areas of research.

The three principal mandates of the Foundation are:

❶research in mental health

❷training

❸education

Of these three mandates, research has priority. The Foundation will support research which deals with any of the biological, psychological or social factors which either foster mental health or lead to mental disorder. The Foundation aims to improve knowledge about the prevention of mental disorder, and the rational and efficient diagnosis, treatment, and rehabilitation of the mentally ill. The Foundation will accept applications for projects dealing with any period of the life-span, any of the factors thought to promote mental health or to cause mental disorder, and from any relevant scientific specialties. The Foundation has a particular interest in studies which address mental health problems of importance in Ontario.

The Foundation supports mental health research by providing funding to a number of programs.

The Foundation adheres to the following principles:

1. The grant application process will be, and should be perceived to be, equitable and accessible.
2. The Foundation will actively encourage applications for research into a broad spectrum of important mental health issues.
3. The Foundation will ensure that the grant review process allows fair and informed judgments concerning the broad spectrum of applications received.
4. The Foundation will ensure that all research it funds is relevant to mental health and constitutes excellent research in a broad range of methodologies.
5. The Foundation will facilitate the development of excellent researchers in a broad spectrum of methods, disciplines and mental health concerns.
6. The Foundation will actively disseminate, in plain language, the results of its funded research.
7. The Foundation will be a leader in the coordination and development of funding and research partnerships and in the search for new ways of increasing the funds available for mental health research.
8. The decision-making processes of the Foundation will be based on the above principles and will be, and appear to be, free from conflict of interest and undue external influences.

Foundation Members and Staff

Foundation Members

William Avison, Ph.D., Chair
London
(re-appointed Apr. 16, 2008)

Herman Gill
Toronto
(appointed May 28, 2008)

Rahel Eynan, M.A.
Toronto
(re-appointed Dec. 21, 2007)

Ian Kilgour, C.F.A.
Toronto
(re-appointed April 16, 2008)

Harriet MacMillan, M.D.
Hamilton
(reappointed Jan. 28, 2008)

Mary Seeman, M.D.C.M.
Toronto
(appointed Feb. 27, 2008)

Clare Sullivan, L.L.B.
Toronto
(appointed March 27, 2007)

Gregory Brown, Ph. D.
Toronto
(appointed January 13, 2010)

Trudo Lemmens, D.C.L.
Toronto
(appointed May 3, 2010)

Jeanette Lewis
Markham
(appointed January 26, 2010)

Audit & Finance Committee

Ian Kilgour, C.F.A. *Chair*
Toronto

Rahel Eynan, M.A.
Toronto

William Avison, Ph.D., Chair
London

Conflict of Interest Committee

William Avison, Ph.D.
London

Clare Sullivan, L.L.B.
Toronto

Trudo Lemmens, D.C.L.
Toronto

Mary Seeman
Toronto

Executive Committee

William Avison, Ph.D.
London

Ian Kilgour, C.F.A.
Toronto

Harriet MacMillan, M.D.
Hamilton

Clare Sullivan,
Toronto

Staff

Alexander Greer
Executive Director

Sandy Hengeveld
Bookkeeper

Emmanuelle Fontaine
Grants Officer

Members of Peer Review Committees 2010-2011

Research Grants

Michael Kawaja, Ph.D., *Chair*
Queen's University

Kathryn Bennett, Ph.D.
McMaster University

Kate Harkness, Ph.D.
Queen's University

Marnin Heisel, Ph.D.
London Health Sciences Centre

Sheena Josselyn, Ph.D.
The Hospital for Sick Children

Nancy Kocovski, Ph.D.
Wilfrid Laurier University

Andrea Levinson, M.D.
Centre for Addiction and Mental Health

Katharina Manassis, M.D.
The Hospital for Sick Children

Robert Milin, M.D.
Royal Ottawa Mental Health Centre

Sagar Parikh, M.D.
Toronto Western Hospital

Russell Schachar, Ph. D.
The Hospital for Sick Children

Cecilia Flores, Ph.D.
McGill University

Kirsten Oinonen, Ph.D.
Lakehead University

Rosanne Menna, Ph.D.
University of Windsor

John Vincent, Ph.D.
Centre for Addiction and Mental Health

Fellowships

John Sylvestre, Ph.D.*Chair*
University of Ottawa

Paul Arnold, Ph.D.
The Hospital for Sick children

Christopher Bowie, Ph. D.
Queen's University

Jill Jacobson, Ph.D.
Queen's University

Elizabeth Kelley, Ph.D.
Queen's University

Owen Kelly, Ph.D.
University of Ottawa

Elizabeth Hayden, Ph.D.
University of Western Ontario

Janet Landeen, Ph.D.
McMaster University

Michael Mazurek, M.D.
McMaster University

Ayal Schaffer, M.D.
Sunnybrook Health Sciences Centre

David Moscovitch, Ph.D.
University of Waterloo

Elisa Romano, Ph. D.
University of Ottawa

Alessandra Schiavetto, Ph.D.
McGill University

Donors from April 1, 2010 to March 31, 2011

In 2010-2011 the Foundation received a total of **$47,682** in donations. The Foundation wishes to express its gratitude to the following donors who provided funds to support the Foundation's work:

The United Way of Greater Toronto

J.A Trist

Nigel Kawall

The Knights of Columbus

Gerry & Susan Reinhart

CanadaHelps.org

Grita & Gustav Greisberg

Donald and Paula Coats

Roxborough Park School

Cedomir Radoja

Isobel Death

Jerald W. MacKenzie

Gerald P. Maxwell

The Ontario Mental Health Foundation is a registered charitable Foundation: No. **11906 8088 RR0001**. Donations to further research into the causes of mental illness and for the development of improved treatments are needed, and may be sent to:

441 Jarvis Street, 2nd Floor
Toronto, Ontario, M4Y 2G8
Phone: (416) 920-7721
Fax: (416) 920-0026
E-mail: grants@omhf.on.ca

Chair's Report

On behalf of the Board of the Ontario Mental Health Foundation, I am very pleased to acknowledge the efforts of a large number of people who have assisted the Foundation in fulfilling its mandate.

The Foundation is an Operational Service Agency of the Government of Ontario that disburses public funds to support research, training, and education related to the causes, consequences, and treatment of mental illness. The activities of the Foundation depend upon the people of Ontario to support this work through their tax dollars. The Foundation Board and the Executive appreciate this support and are committed to operational excellence and the promotion of scientific inquiry into all aspects of mental health and illness.

I want first to acknowledge the outstanding efforts of Dr. Greer and the Foundation staff (Ms. Fontaine, Ms. Hengeveld, and Ms. Baird). Their efficient management of all aspects of the Foundation's operations contributes to the quality and continuity of its programs and initiatives.

The Foundation's support of mental health research occurs primarily through its Research Grant and Fellowships programs. These programs are typically supported from an annual allocation of funds from the Ministry of Health and Long-Term Care and from the OMHF's Special Initiatives Fund. This past year has been one that posed significant challenges to the Foundation's ability to fund research grants and fellowships at levels approaching previous years' commitments. A combination of factors – a reduction in the 2010 allocation from the Ministry, a drastic decline in the Foundation's investment income, and the Board's prior commitment to fund two- and three-year projects – required the Board to reconsider its program commitments for the 2010 fiscal year. The result was that the Board discontinued the Research Grants and selected Fellowships programs for one year. The Board is committed to finding strategies to reintroduce these programs in 2011.

The quality of programs supported by the Foundation is assured by a rigorous peer-reviewed, competitive assessment of the scientific value and mental health relevance of applications submitted by scientists from across Ontario.

Peer-review is the heart of this process. The Board wishes to thank the many scientists from the Ontario research community who contribute to the work of the review committees. Their hard work and wise decisions ensure the quality of research and training funded by the Foundation.

The Board is indebted to these individuals. In addition, the Foundation solicits written appraisals of applications from experts around the world and the Board acknowledges these contributions for the assistance that they provide.

I also wish to thank my colleagues on the Board of the Foundation. The Board's membership represents a range of expertise from the private and public sector and from Ontario's research community. Board members give freely of their time, their advice, and their experience. The Board is focused unflinchingly on one objective: how to support scientific training and research on mental health and illness in Ontario. I commend them for their efforts.

As an active researcher in mental health, I am always aware of the important role that the Ontario Mental Health Foundation plays in supporting scientific research in this area. The Board is committed to sustain this mission and will undertake a strategic review of its mandate and operations so that the Foundation can once again support mental health research and training in Ontario. Research offers our best hope for understanding the factors that contribute to mental illness and devising the most effective treatments and interventions to alleviate the burden of such illness.

In this Annual Report, the work of the Foundation is reported in detail. It is my hope that these contributions of the Foundation to mental health research and training will continue to inspire support from the citizens of Ontario to address these critical issues.

William R. Avison, Ph.D.

Chair
July, 2011

Executive Director's Report

It was a challenging year for the Ontario Mental Health Foundation. The Foundation receives the majority of its research funding from the Ministry of Health and Long-Term Care and supplements that money with its own funds – mostly bequests, donations, and gifts and interest accumulated over the Foundation's forty-five years – to provide grants, fellowships, and studentships to support much-needed mental health research in Ontario.

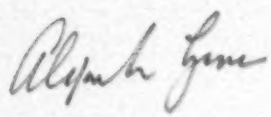
This year, the Ministry decreased the amount of funding provided to the Foundation and the Foundation's investments lost money (as did many larger and better-endowed charities around the world). The Board decided to allocate the Foundation's diminished resources to, first, meet its obligations to existing grant, fellowship, and studentship holders and, second, to provide support for new studentships. The competitions for new grants and fellowships were, necessarily but unfortunately, cancelled.

I was encouraged by, and am grateful for, the many messages of support from researchers and mental health organizations for the work of the Foundation during this difficult period.

I would like to express my sincere appreciation to the Members of the Board of the Foundation, particularly the Chair, Dr. William Avison, for their wise counsel and diligence in the Foundations negotiations with the Ministry of Health and Long Term Care.

Ms. Emmanuelle Fontaine, the Grants Officer, went on maternity leave following the birth of her son, in February. The Foundation welcomed Ms. Leighann Baird who has ably filled Emmanuelle's position.

Finally, I would like to thank the members of the Foundation's peer review committees who freely volunteer their time and expertise to the work of the Foundation. The Chairs of the two Committees – Dr. Michael Kawaja (Queens) of the Grants Committee and Dr. John Sylvestre (Ottawa) of Fellowships Committee -- were extraordinarily helpful to me across the year.



Dr. Alexander Greer
Executive Director

July 2011

Activities of the Foundation

The mandate of the Ontario Mental Foundation is set out in the *Ontario Mental Health Foundation Act*, R.S.O. 1990, O.26 (The Foundation, as an operational service agency of the Government of Ontario, is subject to the governance requirements described within the Treasury Board / Management Board of Cabinet '*Agency Establishment and Accountability Directive*). As such, the Foundation is governed by an appointed Board whose responsibilities are delineated in the Memorandum of Understanding between the Minister (MOHLTC) and Foundation Chair.

The Foundation aims to promote the mental health of people living in Ontario, to prevent mental illness and to improve diagnosis, treatment and rehabilitation. This is done primarily by supporting the professional development of researchers and by funding excellent mental health research. The Foundation looks to people with mental disorders, providers and the research community to identify important and innovative areas of research.
The three principal mandates of the Foundation are:

- research in mental health
- training
- education

Of these three mandates, research has priority. Through a program of grants and fellowships, the Foundation supports research which deals with any of the biological, psychological or social factors which either foster mental health or lead to mental disorder. The Foundation aims to improve knowledge about the prevention of mental disorder, and the rational and efficient diagnosis, treatment and rehabilitation of the mentally ill. The Foundation will accept applications for projects dealing with any period of the life-span, any of the factors thought to promote mental health or to cause mental disorder, and from any of the relevant scientific specialties. The Foundation has a particular interest in studies which address mental health problems of importance in Ontario.

Foundation-supported research is illuminating the causes of mental illness and informing both policy development and clinical practice. The Foundation's success in funding world-class, peer-reviewed, Ontario-relevant mental health research also, therefore contributes substantially to the realization of the Ontario Ministry of Health and Long-Term Care's goals of:

- Improving the health and well-being of Ontarians.
- Reducing the incidence of mental illness.
- Aiding in the early identification of mental illness.
- Ensuring that Ontarians afflicted with mental illness receive care which is informed by evidence derived within and beyond Ontario.

Research Project Grants

Applications for grant funding are received via a Foundation-developed, web-based interface which has proven to be an efficient and appreciated means of processing applications. Eligibility for funding is determined by a committee of scientist peers (see page 7, supra for a list of grant peer reviewers) who rank applications based on their scientific merit and relevance to mental health in Ontario. Applications for Grant funding are limited to $75,000 annually for either two years (Type A) or four years (Type B; release of the final two years of funding is contingent on the demonstration of sufficient progress).

In September **2010** the Foundation received 87 grant applications. A combination of factors – a reduction in the 2010 allocation from the Ministry, a drastic decline in the Foundation's investment income, and the Board's prior commitment to fund two-year and three-year projects – required the Board to reconsider its program commitments for the 2010 fiscal year. The result was that the Board discontinued the Research Grants for one year. Thus, of the 87 applications, the Foundation was unable to award any.

Deadline year	Applications received at deadline	Number funded	Percent funded
2004	59	21	35%
2005	60	15	25%
2006	73	25	34%
2007	58	16	27%
2008	64	17	27%
2009	78	15	19%
2010	87	0	0%

Research Project Grants2010-2011

Name of P.I.	Duration of Award	Institution / Project Title	Amount($) 2010-2011
			75,000
AUBERT, Isabelle	2009-2011	**Sunnybrook Health Sciences Centre** Ultrasound Delivery of Anti-Ab Antibodies to the Brain and the Prevention of Ab Aggregation as a Treatment Strategy for Alzheimers' Disease	

Research Project Grants 2010-2011 (continued)

Name of P.I.	Duration of Award	Institution / Project Title	Amount ($) 2010-2011
BENINGER, Richard	2010-2012	**Queen's University** y-Aminobutyric Acid (GABA) and the Etiology of Schizophrenia: Identifying and Treating the Cognitive and Neurochemical Effects of Social Isolation Plus Subchronic Phencyclidine	75,000
DASKALAKIS, Zafiris	2010-2012	**Centre for Addiction and Mental Health** Repetitive Transcranial Magnetic Stimulation (rTMS) for Treatment Resistant Depressive Disorder	72,200
FORCHUK, Cheryl	2010-2012	**University of Western Ontario/Lawson Health Research Institute** Poverty and Mental Health: Issues, Challenges and Solutions	75,000
FRANKLAND, Paul	2010-2012	**Hospital for Sick Children** Deep Brain Stimulation, Adult Neurogenesis and Depression	74,902
GEORGE, Tony P.	2010-2012	**Centre for Addiction and Mental Health** Effect of Vareniciline on Cognitive Function in Cigarette Smokers with Schizophrenia	74,895
HALL, Geoffrey	2010-2012	**McMaster University** Neurofunctional Networks Supporting Uni- and Cross-modal Emotion Processing in Teens with Autism Spectrum Disorder	28,699
HOLDEN, Jeanette	2009-2011	**Queen's University** Autism Spectrum Disorders: Identification of New Microdeletion and Microduplication Syndromes and Culprit Genes	75,000
JACKLIN, Kristen	2009-2011	**Northern Ontario School of Medicine** Perceptions of Alzheimer's Disease and Related Dementias in Aboriginal Peoples	75,000
JOSSELYN, Sheena	2009-2011	**Hospital for Sick Children** Examining the Neural Basis of Relapse in Addiction	75,000

Research Project Grants 2010-2011 (continued)

Name of P.I.	Duration of Award	Institution / Project Title	Amount ($) 2010-2011
KNOTT, Verner	2010-2012	**University of Ottawa** Nicotine and Nicotinic Receptor Gene Modulation of Ketamine-Induced Information Processing Deficits in Healthy Volunteers	74,993
LANCTOT, Krista	2009-2011	**Sunnybrook Health Sciences Centre** CAROTID: CAD Randomized Omega-3 Trial in Depression	73,030
LEWIS, Marc	2009-2011	**University of Toronto** Brain Changes Underlying Successful Treatment of Anxiety Disorders in Childhood	73,203
MCMAIN, Shelley	2010-2012	**Centre for Addiction and Mental Health** Evaluating the Effectiveness of Dialectical Behaviour Skills Training for Suicidality in Borderline Personality Disorder	74,541
MIZRAHI, Romina	2009-2011	**Centre for Addiction and Mental Health** Cross-Sensitization Between Cannabis and Stress in Subjects at High Risk for Pychosis	74,940
NOBREGA, Jose	2009-2011	**Centre for Addiction and Mental Health** Antidepressant Effects of Deep Brain Stimulation in Animal Models	75,000
OSUCH, Elizabeth	2009-2011	**Lawson Health Science Centre** Major Depression and Marijuana Use in Youth: Neurofunctional, and Cognitive Interactions	75,000
RICHTER, Margaret	2009-2011	**Sunnybrook Health Sciences Centre** Obsessive Compulsive Disorder: An Innovative Genetics Study Utilizing Intermediate Phenotypes and Pharmacogenetics	74,996
RUSHLOW, Walter	2010-2012	**University of Western Ontario** The Role of Akt, GSK-3 and b-catenin in Antipsychotic Drug Action	74,515

Research Project Grants 2010-2011 (continued)

Name of P.I.	Duration of Award	Institution / Project Title	Amount ($) 2010-2011
			74,909
SAKIC, Boris	2010-2012	**McMaster University** Behavioural and Neurotoxic Effects of Brain-Reactive Antibodies	
SCHMID, Susanne	2009-2011	**University of Western Ontario** Cellular & Molecular Mechanisms Underlying Disruption of Prepulse Inhibition	71,000
SHARMA, Verinder	2010-2012	**University of Western Ontario** Bipolar Disorder: Screening, Prevalence and Neonatal Outcomes	72,450
SORENI, Noam	2009-2011	**St Joseph's healthcare** Glutamate & GABA Pediatric OCD: a Proton Magnetic Resonance Spectroscopy Study	57,075
TASCA, Giorgio	2009-2011	**The Ottawa Hospital** Testing a Gene-Environment Interaction Model of Psychopathology and Treatment Outcomes for Binge Eating Disorder: Examining the Roles of Serotonin, Dopamine, and IGF-II Within an Attachment Context	74,945
TIBERI, Mario	2010-2012	**University of Ottawa** Role of Synaptic-Associated Proteins in Dopamine D1 Receptor Function	75,000
VINCENT, John	2010-2012	**Centre for Addiction and Mental Health** Mapping Disease Genes for Bipolar Affective Disorder in Multiplex Consanguineous Families from Iran and Pakistan	74,188
WARSH, Jerry	2009-2011	**Centre for Addiction and Mental Health** Pathophysiological Role of Chronic Oxidative Stress and Cation Permeable TRPM2 and TRPC3 channels in Bipolar Disorder	74,986
YEOMANS, John	2009-2011	**University of Toronto** Opiates, Ethanol And Cholinergic Activation of Dopamine Functions	74,602

Fellowships and Studentships

Fellowship awards vary in duration and remuneration in order to provide support to mental health professionals throughout their development as researchers. Research Studentships and Research Training Fellowships are offered respectively for the support of pre-doctoral candidates or those with a professional degree who are pursuing advanced research degrees. Post-Doctoral Fellowships provide support for researchers who have attained a Ph.D. New Investigator Fellowships are tailored to the varying needs of new faculty: funds can be used as stipends, research operating funds, or as "in lieu funding" to exchange clinical, administrative, or teaching time for research time. Senior and Intermediate Research Fellowships are unique in that they provide funds to the applicant's department for the purpose of hiring a "substitute" to assume (in part) the applicant's teaching, clinical or administrative duties. In this manner the Foundation's award allows the applicant greater time to advance their research while encouraging the recruitment of new faculty within the applicant's department.

In the **Fall of 2010**, the Foundation received 106 applications for new Fellowships and Studentships. A combination of factors – a reduction in the 2010 allocation from the Ministry, a drastic decline in the Foundation's investment income, and the Board's prior commitment to fund two- and three-year projects – required the Board to reconsider its program commitments for the 2010 fiscal year. The result was that the Board discontinued selected Fellowships programs for one year. Twenty-three Studentship applications were recommended. Eighteen Studentships were approved for support.

Deadline year	Fellowship / Studentship applications received at deadline	Number funded	Percent funded
2004	65	13	20%
2005	65	22	33%
2006	53	18	33%
2007	73	24	32%
2008	81	28	35%
2009	93	32	34%
2010	106	18	16%

Fellowships and Studentships 2010-2011

Senior Research Fellowships		
Name of P.I.	**Duration of Award**	**Institution / Project Title**
PETRONIS, Art	2009-2012	**Centre for Addiction and Mental Health** Epigenomics of Schizophrenia
SCHIENMAN, Scott	2008-2011	**University of Toronto** Stress Processes in the Work-Family Interface and their Implications for Mental Health
SINGH, Shiva	2009-2012	**University of Western Ontario** Gene discovery in Schizophrenia through identification of copy number variations (CNVs) in high-risk monozygotic (MZ) and dizygotic (DZ) twins
Intermediate Research Fellowships		
GRANIC, Isabela	2009-2012	**The Hospital for Sick Children** Adolescent outcomes of interventions for childhood aggression: Brain and behavioural changes
New Investigator Fellowships		
ANDRADE, Brendan	2010-2013	**Centre for Addiction and Mental Health** Effectiveness and Predictors of Outcome of Clinic-Based Cognitive-Behavioural Group Treatment for At-Risk Children aged 8-12 with Disruptive Behaviour
BOILEAU, Isabelle	2009-2012	**Centre for Addiction and Mental Health** Sensitization to Dopamine replacement therapy: PET / [11C]-(+)-PHNO Investigation of D3 dopamine receptors in impulse control disorders in Parkinson's Disease
CHEUNG, Amy	2008-2011	**Sunnybrook Health Sciences Centre** Improving Children's Mental Health Care in Primary Care: Effective Implementation of Guidelines and Clinical Support Tools for Adolescent Depression

Fellowships and Studentships 2010-2011 (continued)

New Investigator Fellowships

Name of P.I.	Duration of Award	Institution / Project Title
CROSBIE, Jennifer	2010-2013	**Hospital for Sick Children** Exploring the Genetic Architecture of ADHD Phenotypes and Endophenotypes in a General Population Sample
FREWEN, Paul	2009-2012	**South Street Hospital** Neuroimaging Studies of Self-Perception in Women with Major Depression with and without Posttraumatic Stress Disorder
KIANG, Michael	2009-2012	**St. Joseph's Healthcare CMHS** Neurophysiological mechanisms of deficits in processing conceptual relationships in schizophrenia
LUMLEY, Margaret	2009-2012	**University of Guelph** Cognitive Features of Psychopathology and Resilience
MARRONE, Diano	2008-2011	**Wilfrid Laurier University** Functional Neurogenesis and Age-Related Memory Decline
MCKINNON, Margaret	2009-2012	**St Joseph's Healthcare** Neural and behavioural correlates of autobiographical memory retrieval in currently depressed and in euthymic patients with recurrent major depressive disorder
MITCHELL, Derek	2008-2011	**University of Western Ontario** Modulating Neural Responding to Positive and Negative Stimuli in Untreated Patients with Major Depression
MIZRAHI, Romina	2009-2012	**Centre for Addiction and Mental Health** Does stress induce more dopamine release in subjects at prodromal stages of schizophrenia who concomitantly use cannabis?

Fellowships and Studentships 2010-2011 (continued)

New Investigator Fellowships		
Name of P.I.	**Duration of Award**	**Institution / Project Title**
MOSCOVITCH, David	2007-2010	**University of Waterloo** Electrophysiological Foundations of Social Anxiety Disorder: Neurobiological Correlates of Dysfunction and Symptom Improvement Before and After Cognitive Behavioural Therapy
MUELLER, Daniel J.	2010-2013	**Centre for Addiction and Mental Health** Molecular Genetic Hypotheses for Predicting Dose of Medication, Response and Side Effects in Psychiatry
NILSEN, Elizabeth	2010-2013	**University of Waterloo** Communicative Perspective-taking and Attention-deficit Hyperactivity Disorder
QUILTY, Lena	2009-2012	**Centre for Addiction and Mental Health** The Cognitive Mediational Model of Cognitive Behavioural Therapy for Major Depressive Disorder
THEBERGE, Jean	2008-2011	**St. Joseph's Healthcare, London** High Field Functional Magnetic Resonance Spectroscopy of Glutamate in Schizophrenia
VAUSE, Tricia	2009-2012	**Brock University** Using Group CBT and Function-Based Intervention to Treat Obsessive-Compulsive Disorder in Children and Youth with High Functioning Autism and Asperger's Syndrome: A Randomized Controlled Trial
Post Doctoral Fellowships $35,000 per year		
BARRETT, Jennifer	2008-2011	**University of Toronto at Mississauga** Neural Correlates of Maternal Responsiveness and Maternal Behaviour in Mothers with and without Postpartum Depression

Fellowships and Studentships 2010-2011 (continued)

Post Doctoral Fellowships		
Name of P.I.	**Duration of Award**	**Institution / Project Title**
BUTCHER, Darci	2009-2011	**Sick Kids Research Institute** Microdeletion of 22q11.2 and Schizophrenia: Determining Gene Expression Differences in Patients with and without Schizophrenia
CASSIN, Stephanie	2008-2011	**Sunnybrook Health Science Centre** Psychological Risk Factors for the Maintenance of Social Anxiety
CHEN, Sheng	2008-2011	**Centre for Addiction and Mental Health** Characterization of Protein Peptide(s) with Potential Dopamine D1 Agonism and D2 Antagonism Effect in Animal Model of Schizophrenia
CHOUINARD, Philippe	2010-2013	**University of Western Ontario** Visual and Semantic Priming in Autism using a Normal Range Analogue
ELLEGOOD, Jacob	2010-2013	**Hospital for Sick Children** Where is Autism Located in the Brain?
KELLY, Allison	2010-2013	**Toronto General Hospital** Shame and Self-Compassion in the Treatment and Maintenance of Eating Disorders
SAVAT, Elham	2009-2012	**Wilfrid Laurier University** Antidepressants, Adult Hippocampal Neurogenesis and Cognitive Functioning
Research Training Fellowships $35,000 per year		
ANGLIN, Rebecca	2010-2013	**McMaster University** The Psychiatric Manifestations of Mitochondrial Disorders: A Clinical and MR Spectroscopy Study

Fellowships and Studentships 2010-2011 (continued)

Research Training Fellowships		
Name of P.I.	**Duration of Award**	**Institution / Project Title**
TSENG, Michael	2010-2013	**Centre for Addiction and Mental Health** BDNF/TRPC Signal Transduction in Bipolar Disorder and Mood Stabilizers Action
VIGOD, Simone	2009-2012	**Centre for Addiction and Mental Health** Impact of Major Depression on Breast and Cervical Cancer Screening Compliance
Research Studentship $16,000 per year		
BASS, Stephanie	2010-2013	**University of Western Ontario** The Effects of Stimulants/Ritalin on Behavioural and Neuropsychological Outcomes in Provincial Correctional Inmates Diagnosed with ADHD
CAVALIERE, Carolina	2010-2013	**York University** Developing a Within-Session Measure of Strains in the Therapeutic Alliance
CUSI, Andrée	2009-2012	**St Joseph's Healthcare** Social Cognition in Patients With Mood Disorders
DIAZ-GRANADOS, Natalia	2008-2011	**McMaster University** Assessing the Role of Gender and Immigration in the Risk of Depression From a Cross-National Perspective
GAGNON, Yann	2010-2012	**University of Western Ontario** Characterizing Transverse Relaxation Time Abnormalities in Autism
JACKSON, Laura	2008-2011	**University of Ottawa** Future Thinking Skills in Children with Autism Spectrum Disorders
JOHNSON, Sarah	2010-2012	**University of Toronto** Role of the Amygdala in Drug Withdrawal and Craving

Fellowships and Studentships 2010-2011 (continued)

Research Studentships

Name of P.I.	Duration of Award	Institution / Project Title
KIRSHENBAUM, Greer	2009-2012	**Mount Sinai Hospital** Alpha 3 Na+/K+ ATPase Haploinsufficiency Leads to a Manic Phenotype: Developing a Valid Mouse Model of Bipolar Disorder
KRYSKI, Katie	2010-2013	**University of Western Ontario** Exploring the Gene-Environment Interaction in Temperamental Vulnerability to Depression: The Role of Psychophysiological Reactivity to Stress
LAI, Jonathan	2010-2013	**McMaster University** Shared Neurobiology of Autism and Fragile X Syndrome through the Neuroligin Gene Family
MAINLAND, Brian	2010-2013	**Ryerson University** Examining the Impact of Traumatic Brain Injury on Spatial Navigation in Older Adults Using Neuropsychological Assessment and Virtual Environment Technology
MEUSEL, Liesel-Ann	2009-2013	**St. Joseph's Hospital** Computer-Assisted Cognitive Remediation in Patients with Mood Disorder
MORGAN, Ashley	2010-2011	**York University** A Multilevel Analysis of the Prospective Relation Between Eating-related Disturbances and Depression in a Canadian Community Sample of Adolescents
NGUYEN, Hien	2010-2013	**York University** Development and Evaluation of a Strengths-Based, Culturally Appropriate Mental Health Promotion Program for High School Students
PATEL, RONAK	2010-2013	**Ryerson University** Neuroimaging the Emotional Enhancement of Memory in Schizophrenia

Research Studentships

Name of P.I.	Duration of Award	Institution / Project Title
PEER, Miki	2010-2011	**University of Toronto** Does Perceived Stress in Pregnant Immigrant Women Predispose Their Infants to Allergic Disease Development?
PROULX, Eliane	2010-2013	**University of Ottawa** Regulation of Prefrontal Cortical Activity by Group I Metabotropic Glutamate Receptors: Comparing the Healthy Brain With a Mouse Model
SALIBA, Kim	2009-2012	**University of Toronto** Magnetoencephalography Investigation on the Effects of Methylphenidate on Basic Sensory Processing in Attention-Deficit/Hyperactivity Disorder
SEEDS, Pamela	2010-2012	**University of Western Ontario** Cognitive Predictors of Stress Generation: A Longitudinal Examination of Life Stress in Depression
SHEIKH, Haroon	2010-2013	**University of Western Ontario** Neurogenetic Markers Associated with HPA-Axis Reactivity
SIMIC, Nevena	2010-2011	**University of Toronto** Endocrine Regulation of Social, Emotional, and Executive Functioning: Perspectives from Typically and Atypically Developing Adolescents
SOUSLOVA, Tatiana	2008-2011	**University of Ottawa** Transcriptional Regulatory Mechanisms of Freud-1, a Novel Mental Retardation Gene
WHEELER, Anne	2008-2011	**The Hospital for Sick Children** Reorganization of Memory for Drug Associated Cues
YOON, Sun Young	2009-2012	**Centre for Addiction and Mental Health** Role of the Suprachiasmatic Nuclei in development of sleep disorders and other symptoms of ADHD

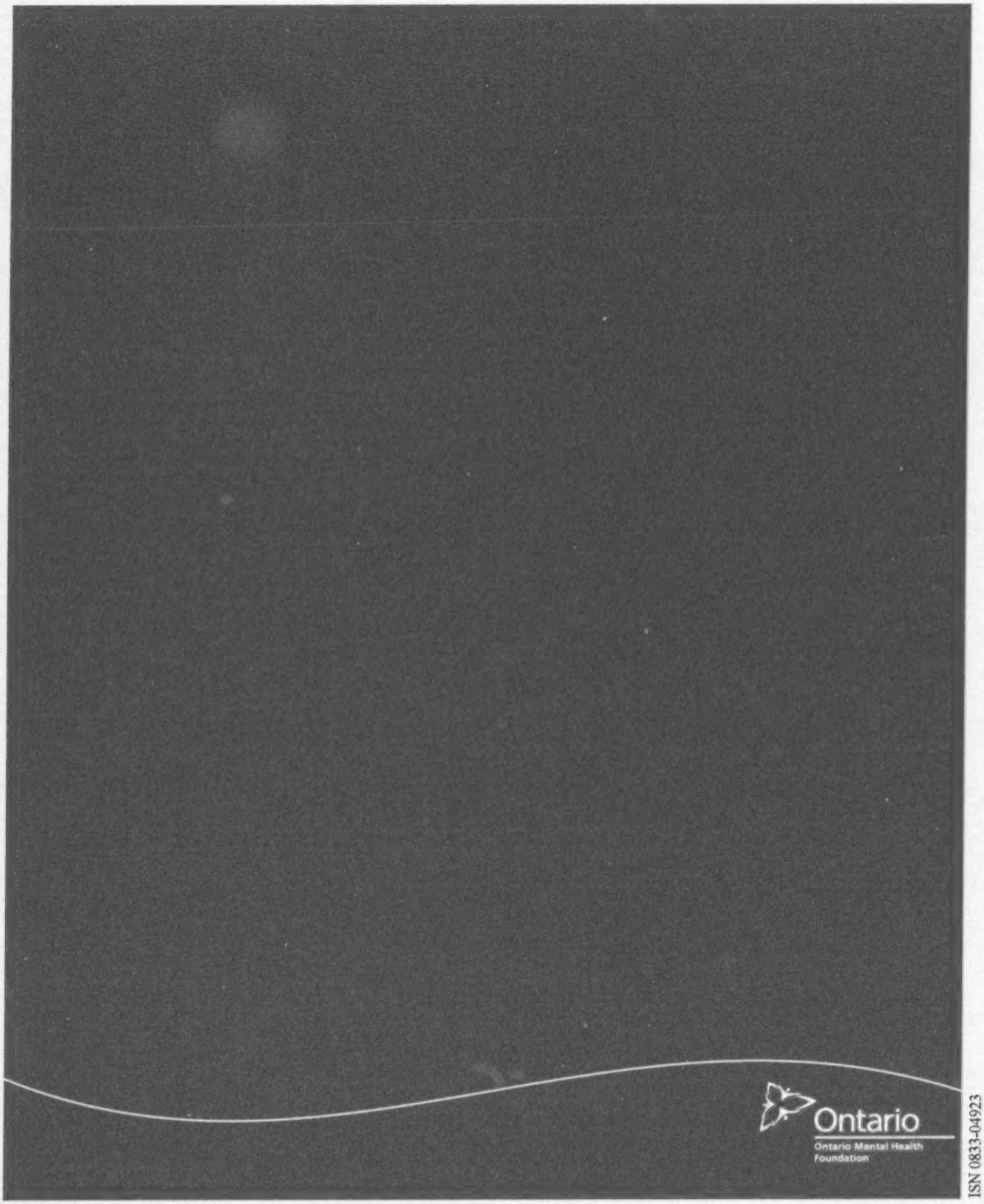
Autism Ontario

Research Studentship

Name of P.I.	Duration of Award	Institution / Project Title
O'CONNELL, Laura	2008-2011	**Queen's University** Unwilling or Unable? The Influence of Non-Social Reward on Children with Autism's Engagement in Early Social and Prosocial Behavior

Publications, Conferences and Other Public Events

Name of organizer	Institution / Title of project	Amount ($) 2010-2011
Gloria Kay	**VHA Home HealthCare** "13th Annual Mental Health and Addiction Information Fair" September 29, 2010	1,000



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